MINNESOTA POLLUTION CONTROL AGENCY
AIR QUALITY
520 LAFAYETTE ROAD
ST. PAUL, MN 55155-4194

REPORTING FORM **CR-04**
**ANNUAL COMPLIANCE CERTIFICATION REPORT**
6/14/99



## GENERAL FACILITY INFORMATION

Facility Name: **Interplastic Corporation**
AQ Facility ID Number: **12300602**
This certification report covers the period of January 1-December 31, **2010**

## DEVIATION REPORTS SUBMITTED TO THE MPCA

| Type of Deviation Report | Period Covered by Report | Date of Cover Letter Accompanying Report |
|---|---|---|
| **DRF-1** | **January 1, 2010 to June 30, 2010** | **July 07, 2010** |
| **DRF-2** | **January 1, 2010 to June 30, 2010** | **July 07, 2010** |
| **DRF-1** | **July 1, 2010 to December 31, 2010** | **January 27, 2011** |
| **DRF-2** | **July 1, 2010 to December 31, 2010** | **January 27, 2011** |
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## CERTIFICATION

I certify under penalty of law, that I have reviewed this facility's compliance status with respect to *all* permit conditions for the above specified calendar year and have determined, to the best of my knowledge, that this facility has been in continuous compliance with all permit conditions with the exception of those requirements listed in the following deviations reports which have been submitted to the Air Quality Compliance Determination Unit at the Minnesota Pollution Control Agency (MPCA):

Signature of Responsible Official

**Gary Severson**
Printed Name of Person Signing

**Chief Environmental Officer**
Title

**January 27, 2011**
Date

Forward To:

Air Quality Compliance Tracking Coordinator
Minnesota Pollution Control Agency
520 Lafayette Road North
Saint Paul, Minnesota 55155-4194

Mr. George Czerniak, Chief
Air Enforcement & Compliance Assurance Branch
EPA Region V
77 West Jackson Boulevard
Chicago, Illinois 60604

MINNESOTA POLLUTION CONTROL AGENCY
AIR QUALITY
520 LAFAYETTE ROAD
ST. PAUL, MN 55155-4194

DEVIATION REPORTING FORM **DRF-1**

# DEVIATIONS RECORDED BY CONTINUOUS MONITORING SYSTEMS

6/14/99

Use this form to record and report deviations that are identified by *Continuous Monitoring Systems.* This includes Continuous Emission Monitoring Systems (CEMS), Continuous Opacity Monitoring Systems (COMS), and any other monitoring system in which the monitor's output is recorded continuously.



## GENERAL FACILITY INFORMATION

Facility Name: **Interplastic Corporation** AQ Facility ID: **12300602**

Report Covers Quarter: **July to December** Year: **2010**

## DEVIATIONS SUMMARY TABLE

| Monitor ID No. | Pollutant or Parameter | EU or SV | EU/SV ID No. | Emission Limit and Averaging Period | Total Operating Hours in Quarter | Duration of CMS Downtime: Monitor Malfunction | Non-Monitor Malfunction | QA Calibration | Other Known Causes | Unknown Causes | Total Duration | % of Operating Time | Duration of Deviations: Startup/Shutdown | Control Equipment | Process Problems | Soot Blowing | Fuel Problems | Other Known Causes | Unknown Causes | Total Duration | % of Operating Time |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **There is no continuous monitoring requirement for this permit.** | | | | | | | | | | | | | | | | | | | | | |
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**DEVIATIONS**: Provide the following information regarding each individual deviation identified by a continuous monitoring system (CMS).

| Emission Unit ID No. | Monitor ID No. | Pollutant or Parameter Monitored | Beginning Date and Time of Deviation | End Date and Time of Deviation | Actual Level of Deviation | Cause of Deviation and Corrective Action Taken |
|---|---|---|---|---|---|---|
| **There is no continuous monitoring requirement for this permit.** | | | | | | |
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**MONITOR DOWNTIME**: Provide the following information regarding each period of monitor downtime.

| Monitor ID No. | Pollutant or Parameter Monitored | Emission Unit Being Monitored | Beginning Date and Time of Downtime | End Date and Time of Downtime | Total Duration of Downtime (Minutes) | Reason for Monitor Downtime and Corrective Action Taken |
|---|---|---|---|---|---|---|
| **There is no continuous monitoring requirement for this permit.** | | | | | | |
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**MONITOR BYPASSES:** Provide the following information for each period in which an emission unit is operating but is not being monitored because emissions were either partially or totally diverted around the monitoring system.

| Monitor ID No. | Emission Unit Required to be Monitored | Pollutant and limit Required to be Monitored | Date and Time of Beginning of Bypass Period | Date and Time of End of Bypass Period | Duration of Monitor Bypass (Minutes) | Was P.C.E. Operating During Bypass Period? | Reason for Monitor Bypass and Corrective Action Taken |
|---|---|---|---|---|---|---|---|
| **There is no continuous monitoring requirement for this permit.** | | | | | | | |
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## CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Signature of Responsible Official

**Gary Severson**

Printed Name of Person Signing

**Chief Environmental Officer**

Title

01/27/11

Date

Forward To: Air Quality Compliance Tracking Coordinator
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

MINNESOTA POLLUTION CONTROL AGENCY
AIR QUALITY
520 LAFAYETTE ROAD
ST. PAUL, MN 55155-4194

DEVIATION REPORTING FORM **DRF-2**

# DEVIATIONS IDENTIFIED BY PERIODIC MONITORING SYSTEMS OR THROUGH RECORDKEEPING

6/14/99

Use this form to record and report deviations that are identified by *Periodic Monitoring Systems or Recordkeeping*.. "Periodic Monitoring System" means a monitoring system in which the monitor's output is not recorded continuously.



## GENERAL FACILITY INFORMATION

Facility Name: **Interplastic Corporation** AQ Facility ID: **12300602**

Report Covers From **July** To: **December** of **2010** *year).*

**DESCRIPTION OF DEVIATIONS** - Provide the following information regarding each individual deviation identified by a periodic monitoring system. Be sure to report any deviations which occurred during monitor downtime or monitor bypasses.

| Date of Deviation | Emission Unit ID No. | Monitor ID No. | Cite Permit Condition Which Was Deviated From | Description of Deviation and Corrective Action Taken |
|---|---|---|---|---|
| **There were no deviations during the 6 month reporting period.** | | | | |
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**DESCRIPTION OF MONITOR DOWNTIME** - Provide the following information regarding each period when a periodic monitoring system did not record required data.

| Date and Time of Missed Record | Monitor ID No. | Emission Unit ID No. | Pollutant or Parameter Monitored | Cause of the Monitor Downtime and Corrective Action Taken |
|---|---|---|---|---|
| **There were no monitor downtimes during the 6 month reporting period.** | | | | |
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**SUMMARY OF DEVIATIONS AND MONITOR DOWNTIME** - Provide the following summary information. Fill out a separate row of the table *for each monitor.*

| Monitor ID No. | Total Number of Readings Taken | Total Number of Readings Indicating Deviations | Percent of Readings Indicating Deviations | Total No. of Readings Missed | Total Percentage of Readings Missed |
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**DEVIATIONS DISCOVERED THROUGH RECORDKEEPING:** In the following section, list each deviation that was discovered through recordkeeping (e.g. your fuel use records indicate that you exceeded your fuel use limits). Provide at least the date(s) of each deviation; level of deviation; emission unit and the cause of each deviation.

1. **There were no deviations discovered through record keeping for the 6 month reporting period.** _____
2. _____
3. _____

## CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Signature of Responsible Official

**Gary Severson**
Printed Name of Person Signing

**Chief Environmental Officer**
Title

**01/27/11**
Date

Forward To: Air Quality Compliance Tracking Coordinator
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

MINNESOTA POLLUTION CONTROL AGENCY
AIR QUALITY
520 LAFAYETTE ROAD
ST. PAUL, MN 55155-4194

DEVIATION REPORTING FORM **DRF-2**

# DEVIATIONS IDENTIFIED BY PERIODIC MONITORING SYSTEMS OR THROUGH RECORDKEEPING

6/14/99

Use this form to record and report deviations that are identified by *Periodic Monitoring Systems or Recordkeeping*. "Periodic Monitoring System" means a monitoring system in which the monitor's output is not recorded continuously.

## GENERAL FACILITY INFORMATION

Facility Name: Interplastic Corporation AQ Facility ID: 12300602

Report Covers From January To: June of 2010 (year).

**DESCRIPTION OF DEVIATIONS** - *Provide the following information regarding each individual* deviation identified by a periodic monitoring system. Be sure to report any deviations which occurred during monitor downtime or monitor bypasses.

| Date of Deviation | Emission Unit ID No. | Monitor ID No. | Cite Permit Condition Which Was Deviated From | Description of Deviation and Corrective Action Taken |
|---|---|---|---|---|
| There were no deviations during the 6 month reporting period. | | | | |
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**DESCRIPTION OF MONITOR DOWNTIME** - Provide the following information regarding each period when a periodic monitoring system did not record required data.

| Date and Time of Missed Record | Monitor ID No. | Emission Unit ID No. | Pollutant or Parameter Monitored | Cause of the Monitor Downtime and Corrective Action Taken |
|---|---|---|---|---|
| There were no monitor downtimes during the 6 month reporting period. | | | | |
| | | | | |

**SUMMARY OF DEVIATIONS AND MONITOR DOWNTIME** - Provide the following summary information. Fill out a separate row of the table *for each monitor.*

| Monitor ID No. | Total Number of Readings Taken | Total Number of Readings Indicating Deviations | Percent of Readings Indicating Deviations | Total No. of Readings Missed | Total Percentage of Readings Missed |
|---|---|---|---|---|---|
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**DEVIATIONS DISCOVERED THROUGH RECORDKEEPING:** *In the following section, list each* deviation that was discovered through recordkeeping (e.g. your fuel use records indicate that you exceeded your fuel use limits). Provide at least the date(s) of each deviation; level of deviation; emission unit and the cause of each deviation.

1. **There were no deviations discovered through record keeping for the 6 month reporting period.**
2. _____
3. _____

**CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Signature of Responsible Official

Gary Severson
Printed Name of Person Signing

Chief Environmental Officer
Title

07/07/10
Date

Forward To: Air Quality Compliance Tracking Coordinator
Minnesota Pollution Control Agency

MINNESOTA POLLUTION CONTROL AGENCY
AIR QUALITY
520 LAFAYETTE ROAD
ST. PAUL, MN 55155-4194

DEVIATION REPORTING FORM **DRF-1**

# DEVIATIONS RECORDED BY CONTINUOUS MONITORING SYSTEMS

6/14/99

Use this form to record and report deviations that are identified by *Continuous Monitoring Systems.* This includes Continuous Emission Monitoring Systems (CEMS), Continuous Opacity Monitoring Systems (COMS), and any other monitoring system in which the monitor's output is recorded continuously.



## GENERAL FACILITY INFORMATION

Facility Name: **Interplastic Corporation** AQ Facility ID: **12300602**

Report Covers Quarter: **January to June** Year: **2010**

## DEVIATIONS SUMMARY TABLE

| Monitor ID No. | Pollutant or Parameter | EU or SV | EU/SV ID No. | Emission Limit and Averaging Period | Total Operating Hours in Quarter | Duration of CMS Downtime: Monitor Malfunction | Non-Monitor Malfunction | QA Calibration | Other Known Causes | Unknown Causes | Total Duration | % of Operating Time | Duration of Deviations: Startup/Shutdown | Control Equipment | Process Problems | Soot Blowing | Fuel Problems | Other Known Causes | Unknown Causes | Total Duration | % of Operating Time |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **There is no continuous monitoring requirement for this permit.** | | | | | | | | | | | | | | | | | | | | | |
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**DEVIATIONS:** Provide the following information regarding each individual deviation identified by a continuous monitoring system (CMS).

| Emission Unit ID No. | Monitor ID No. | Pollutant or Parameter Monitored | Beginning Date and Time of Deviation | End Date and Time of Deviation | Actual Level of Deviation | Cause of Deviation and Corrective Action Taken |
|---|---|---|---|---|---|---|
| **There is no continuous monitoring requirement for this permit.** | | | | | | |
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**MONITOR DOWNTIME:** Provide the following information regarding each period of monitor downtime.

| Monitor ID No. | Pollutant or Parameter Monitored | Emission Unit Being Monitored | Beginning Date and Time of Downtime | End Date and Time of Downtime | Total Duration of Downtime (Minutes) | Reason for Monitor Downtime and Corrective Action Taken |
|---|---|---|---|---|---|---|
| **There is no continuous monitoring requirement for this permit.** | | | | | | |
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**MONITOR BYPASSES:** Provide the following information for each period in which an emission unit is operating but is not being monitored because emissions were either partially or totally diverted around the monitoring system.

| Monitor ID No. | Emission Unit Required to be Monitored | Pollutant and limit Required to be Monitored | Date and Time of Beginning of Bypass Period | Date and Time of End of Bypass Period | Duration of Monitor Bypass (Minutes) | Was P.C.E. Operating During Bypass Period? | Reason for Monitor Bypass and Corrective Action Taken |
|---|---|---|---|---|---|---|---|
| **There is no continuous monitoring requirement for this permit.** | | | | | | | |
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## CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Signature of Responsible Official

Gary Severson

Printed Name of Person Signing

**Chief Environmental Officer**

Title

07/07/10

Date

Forward To: Air Quality Compliance Tracking Coordinator
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

INTERPLASTIC CORPORATION
*Thermoset Resins Division*

2015 NE Broadway St.
Minneapolis, Minnesota 55413-1775
(651) 481-6860 Fax (612) 331-4235



January 27, 2011

Compliance Tracking Coordinator, Fourth Floor
Minnesota Pollution Control Agency
520 Lafayette Road North
Saint Paul, MN 55155-4194

RE: **July to December 2010 Semi-annual Deviation Reports DRF-1 and DRF-2**
**2010 Annual Compliance Certification Report CR-04**
Interplastic Corporation, 2015 NE Broadway St., Minneapolis, MN 55413
Air Emissions Permit No. 05300251-003 issued May 6, 2008

Dear Coordinator,

Please find enclosed the above referenced reports for the facility noted above. These reports are required by Federally Enforceable State; Limits to Avoid Part 70 and New Source Review Air Emissions Permit No. 05300251-003.

Please contact Sheri Peterson at (651) 757-3983 direct or (651) 481-6860, ext. 313 if you have any additional questions regarding the information provided.

INTERPLASTIC CORPORATION

Gary Severson (SP)

By: Gary Severson
Chief Environmental Officer
11SP005

Copy: Martin Frank, Plant Manager, Minneapolis Plant
Sheri Peterson, Site Manager-HSEQ, Minneapolis Plant

George Czerniak, Chief
Air Enforcement & Compliance Assurance Branch
EPA Region V
77 West Jackson Boulevard
Chicago, IL 60604

**Minnesota Pollution Control Agency**

AIR QUALITY
520 LAFAYETTE ROAD
ST. PAUL, MN 55155-4194

REPORTING FORM **CR-04**
**ANNUAL COMPLIANCE CERTIFICATION REPORT**
7/27/00

## GENERAL FACILITY INFORMATION

Facility Name: Interplastic Corporation

AQ Facility ID Number: 05300251-003

This certification report covers the period of January 1-December 31, 2010

## REPORTS THAT WERE SUBMITTED TO THE MPCA AND WHICH INCLUDED DEVIATIONS

☐ Check here if no deviations have been reported. Only list below reports which included devations.

| Type of Deviation Report | Period Covered by Report | Date of Cover Letter Accompanying Report |
|---|---|---|
| DRF-1 | January1, 2009 to June 30, 2009 | July 28, 2010 |
| DRF-1 | July 1, 2009 to December 31, 2009 | January 27, 2011 |
| DRF-2-No deviations | January1, 2009 to June 30, 2009 | July 28, 2010 |
| DRF-2-No deviations | July 1, 2009 to December 31, 2009 | January 27, 2011 |
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## CERTIFICATION

I certify under penalty of law that I have reviewed this facility's compliance status with respect to *all* permit conditions for the above specified calendar year. I have determined, to the best of my knowledge, that this facility has been in continuous compliance with all permit conditions with the exception of those requirements listed in the above deviations report(s) which have been submitted to the Air Quality Compliance Tracking Coordinator at the Minnesota Pollution Control Agency (MPCA):

Gary Severson (SP)
Signature of Responsible Official

Gary Severson
Printed Name of Person Signing

Chief Environmental Officer
Title

January 27, 2011
Date

**Note:** The individual signing must meet the definition of "responsible official" in Minn. R. 7007.0100, subp. 21.

Forward To:

Air Quality Compliance Tracking Coordinator
Minnesota Pollution Control Agency
520 Lafayette Road North
Saint Paul, Minnesota 55155-4194

Mr. George Czerniak, Chief
Air Enforcement & Compliance Assurance Branch
EPA Region V
77 West Jackson Boulevard
Chicago, Illinois 60604

Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

# Excess Emissions Reporting Form

# DRF-1

**Continuous Monitoring Systems Reporting Form**

**Instructions on Page 5**

**Note:** This form has been updated. Please print, complete, and remit **only** the forms. Please see the instructions to ensure proper use and understanding of definitions. **Do not print and return the instructions.**

Use this form to record and report excess emissions (EE) that are identified by *Continuous Monitoring Systems*. This includes Continuous Emission Monitoring Systems (CEMS) and Continuous Opacity Monitoring Systems (COMS). DRF-1 is the form you must use to report excess emissions from a stack as recorded by your facility's Continuous Emission Monitoring Systems (CEMS) and Continuous Opacity Monitoring Systems (COMS).

**Address hard copy report submittals to:** Compliance Tracking Coordinator, Fourth Floor
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

## 1) General Facility Information

Company name: Interplastic Corporation

AQ file no.: 1176A AQ permit no.: 5300251-003

Report covers quarter: 3rd Year: 2010

## 2) CEMS/COMS Data Summary Table

| | | | | Duration of Monitor Downtime | | Duration of Excess Emissions (EE) | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2a) | 2b) | 2c) | 2d) | 3i) | 2e) | 4l) | 2f) | 4m) | 2g) |
| Monitor ID Number | Monitor ID Pollutant | EU/SV ID Number | Total Operating Time (TOT) | Total Duration of Monitor Downtime | **Downtime % of TOT** | Cumulative Duration of Exempt EE | **Exempt EE % of TOT** | Cumulative Total Duration of All EE | **Total EE % of TOT** |
| **CE001** | **VOC** | **SV001** | **2184.00 3rd Qtr** | **0** | **0** | **0** | **0** | **5.33 hrs** | **0.244** |
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**4) Duration of Excess Emissions:** Provide the following information regarding each individual excess emission identified by a monitor. Make a separate table for each monitor, as needed.

| 4a) Emission Unit ID Number | 4b) Monitor ID Number | 4c) Pollutant or Parameter Monitored | 4d) Beginning Date and Time of EE | 4e) End Date and Time of EE | 4f) Limit and Averaging Period | 4g) Highest Reading of EE with Units (i.e. 5, Lb/Hr, Etc) | 4h) Duration of Exempt EE (include these entries as part of 4i) | 4i) Total Duration of All EE | 4j) Cause of EE (clarifying comments) | 4k) Corrective Action Taken (Clarifying Comments) |
|---|---|---|---|---|---|---|---|---|---|---|
| SV001 | CE001 | VOC | 07-06-10 6:35 p & 7:25 pm | 07-06-10 10:30 pm | 1325 deg F on TO 3 hr average | NA | NA | 3 hr 55 min | Air line came off gas valve and cooling water valve failed | Valve repaired and gas line replaced. |
| SV001 | CE001 | VOC | 07-22-10 6:18 am | 7-22-10 7:17 am | same | NA | NA | 59 min | Unknown cause-temp down to 1310 deg F for 59 min | TO restared without incident |
| SV001 | CE001 | VOC | 08-10-10 10:20 pm | 08-10-10 10:46 pm | same | NA | NA | 26 min | Power glitch during thunderstorm activity | TO restarted without incident |
| | | | | | | | | | | |
| | | | | | **4l) Cumulative Duration of Exempt Excess Emissions:** | | NA | 5.33 hr | **4m) Cumulative Total Duration of All Excess Emissions** | |

**5) Monitor Bypasses:** Provide the following information for each period in which an emission unit is operating but is not being monitored because emissions were either partially or totally diverted around the monitoring system *See Minn. R. 7017.1110 subp. 2c*

| 5a) Monitor Id Number | 5b) Emission Unit Required to be Monitored | 5c) Pollutant and Limit Required to be Monitored | 5d) Beginning Date And Time Of Bypass Period | 5e) End Date and Time of Bypass Period | 5f) Duration of Monitor Bypass (Minutes) | 5g) Was P.C.E. Operating During Bypass Period? | 5h) Duration of Allowable Monitor Bypass | 5i) Reason for Monitor Bypass (clarifying comments) | 5j) Corrective Action Taken (clarifying comments) |
|---|---|---|---|---|---|---|---|---|---|
| CE001 | EU01-03 | TO Temp at 1325 deg F | 07-25-10 9:00 am | 07-26-10 3:25 am | 18 hr 25 min =1105 min | No | 18 hr 25 min =1105 min | Producton QA activity during Pollution Control Equipment maintenance | Plugged burner tips replaced and maintenance work completed |
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| 5k) Total Duration of Allowable Monitor Bypass: | 18.42 hr |
|---|---|

**3) Duration of Monitor Downtime:** Provide the following information regarding each period of monitor downtime. Make a separate table for each monitor, as needed.

| 3a) Monitor ID Number | 3b) Pollutant or Parameter Monitored | 3c) Emission Unit Being Monitored | 3d) Beginning Date and Time of Downtime | 3e) End Date and Time of Downtime | 3f) Duration of Downtime | 3g) Reason for Monitor Downtime (clarifying comments) | 3h) Corrective Action Taken (clarifying comments) |
|---|---|---|---|---|---|---|---|
| NA | | | | | | | |
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*Opacity time listed in minutes

3I) Total Duration of Downtime:

## 6) CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Gary Severson (SP)
Signature of Responsible Official

Gary Severson
Printed Name of Responsible Official

Chief Environmental Officer
Title

January 27, 2011
Date

**Please note:** The individual signing must meet the definition of "responsible official" in Minn. R. 7007.0100, subp. 21.

3rd Qtr
DRF-1

Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

# Excess Emissions Reporting Form

# DRF-1

**Continuous Monitoring Systems Reporting Form**

**Instructions on Page 5**

**Note:** This form has been updated. Please print, complete, and remit **only** the forms. Please see the instructions to ensure proper use and understanding of definitions. **Do not print and return the instructions.**

Use this form to record and report excess emissions (EE) that are identified by *Continuous Monitoring Systems*. This includes Continuous Emission Monitoring Systems (CEMS) and Continuous Opacity Monitoring Systems (COMS). DRF-1 is the form you must use to report excess emissions from a stack as recorded by your facility's Continuous Emission Monitoring Systems (CEMS) and Continuous Opacity Monitoring Systems (COMS).

**Address hard copy report submittals to:** Compliance Tracking Coordinator, Fourth Floor
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

## 1) General Facility Information

Company name: Interplastic Corporation

AQ file no.: 1176A AQ permit no.: 5300251-003

Report covers quarter: 4th Year: 2010

## 2) CEMS/COMS Data Summary Table

| | | | | Duration of Monitor Downtime | | Duration of Excess Emissions (EE) | | | |
|---|---|---|---|---|---|---|---|---|---|
| 2a) Monitor ID Number | 2b) Monitor ID Pollutant | 2c) EU/SV ID Number | 2d) Total Operating Time (TOT) | 3i) Total Duration of Monitor Downtime | 2e) **Downtime % of TOT** | 4l) Cumulative Duration of Exempt EE | 2f) **Exempt EE % of TOT** | 4m) Cumulative Total Duration of All EE | 2g) **Total EE % of TOT** |
| **CE001** | **VOC** | **SV001** | **2161.55 4TH Qtr** | **0** | **0** | **0** | **0** | **12.62** | **0.593** |
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**3) Duration of Monitor Downtime:** Provide the following information regarding each period of monitor downtime. Make a separate table for each monitor, as needed.

| 3a) Monitor ID Number | 3b) Pollutant or Parameter Monitored | 3c) Emission Unit Being Monitored | 3d) Beginning Date and Time of Downtime | 3e) End Date and Time of Downtime | 3f) Duration of Downtime | 3g) Reason for Monitor Downtime (clarifying comments) | 3h) Corrective Action Taken (clarifying comments) |
|---|---|---|---|---|---|---|---|
| NA | | | | | | | |
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*Opacity time listed in minutes

**3I) Total Duration of Downtime:**

**4) Duration of Excess Emissions:** Provide the following information regarding each individual excess emission identified by a monitor. Make a separate table for each monitor, as needed.

| 4a) Emission Unit ID Number | 4b) Monitor ID Number | 4c) Pollutant or Parameter Monitored | 4d) Beginning Date and Time of EE | 4e) End Date and Time of EE | 4f) Limit and Averaging Period | 4g) Highest Reading of EE with Units (i.e. 5, Lb/Hr, Etc) | 4h) Duration of Exempt EE (include these entries as part of 4i) | 4i) Total Duration of All EE | 4j) Cause of EE (clarifying comments) | 4k) Corrective Action Taken (Clarifying Comments) |
|---|---|---|---|---|---|---|---|---|---|---|
| SV001 | CE001 | VOC | 10-10-10 11:33 pm | 10-11-10 3:00 am | 1325 deg F on TO 3 hr ave | NA | NA | 3 hr 27 min | Air hose for valve control nitrogen failed | Hose replaced and TO restarted. |
| SV001 | CE001 | VOC | 12-08-10 9:21 pm | 12-09-10 1:30 am | same | NA | NA | 4 hr 9 min | Kettle 3 thermocouple malfunctioned. | Thermocouple replaced and TO restarted. |
| SV001 | CE001 | VOC | 12-27-10 10:00 am | 12-27-10 5:00 pm | nusiance odor | NA | NA | NA | Pilot plant vent line plugged. | Line steamed and reactor cooled until plug corrected. |
| SV001 | CE001 | VOC | 12-30-10 3:13 am | 12-30-10 8:26 am | 1325 deg F on TO 3 hr ave | NA | NA | 5 hr 13 min | Air hose broke. | Hose replaced and TO restarted. |
| | | | | | | **4l) Cumulative Duration of Exempt Excess Emissions:** | NA | 12.82 hr | **4m) Cumulative Total Duration of All Excess Emissions** | |

**5) Monitor Bypasses:** Provide the following information for each period in which an emission unit is operating but is not being monitored because emissions were either partially or totally diverted around the monitoring system *See Minn. R. 7017.1110 subp. 2c*

| 5a) Monitor Id Number | 5b) Emission Unit Required to be Monitored | 5c) Pollutant and Limit Required to be Monitored | 5d) Beginning Date And Time Of Bypass Period | 5e) End Date and Time of Bypass Period | 5f) Duration of Monitor Bypass (Minutes) | 5g) Was P.C.E. Operating During Bypass Period? | 5h) Duration of Allowable Monitor Bypass | 5i) Reason for Monitor Bypass (clarifying comments) | 5j) Corrective Action Taken (clarifying comments) |
|---|---|---|---|---|---|---|---|---|---|
| NA | TK035 | VOC | 12-20-10 12:39 pm | 12-20-10 3:00 pm | 2 hr 41 min | No | NA | Production QA activity during pollution control downtime during holiday shutdown. | Activity isolated as one time occurance and reported to duty officer. |
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| **5k) Total Duration of Allowable Monitor Bypass:** | 2.68 hr |

## 6) CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Gary Severson (EP)
Signature of Responsible Official

Gary Severson
Printed Name of Responsible Official

Chief Environmental Officer
Title

January 27, 2011
Date

**Please note:** The individual signing must meet the definition of "responsible official" in Minn. R. 7007.0100, subp. 21.

4th Qtr
DRF-1

Minnesota Pollution Control Agency

Air Quality
520 Lafayette Road
St. Paul, MN 55155-4194

# Deviation Reporting Form **DRF-2**

Deviations Identified by Periodic Monitoring Systems or Through Recordkeeping

11/28/2006

## General Information about Deviation and Compliance Reporting

If your permit requires you to submit deviation reports or an annual compliance certification, you should use the *Deviation Reporting Forms* (DRFs) and Annual Compliance Certification Report, unless you get MPCA approval to use another format or your facility's permit specifies otherwise. There are two separate DRF forms: DRF-1 and DRF-2.

**Use DRF-1** to report deviations recorded by your facility's continuous monitoring systems (CMS), which include continuous *emission* monitoring systems (CEMS), continuous *opacity* monitoring systems (COMS), and any other monitoring system where data is recorded continuously (e.g., using a strip chart recorder or a computer). If you are a permittee with a CEMS or COMS, notice that DRF-1 is basically the same as the Excess Emissions Report (EER) that you have submitted to the MPCA in the past. Since DRF-1 and EER are basically the same, you may continue to submit Excess Emissions Reports in place of DRF-1.

**Use DRF-2** to report deviations recorded by periodic monitoring systems or deviations identified through recordkeeping (e.g., fuel use records). Periodic monitoring systems are systems in which the data collected *is not* recorded continuously (e.g., a temperature monitor where the data is recorded manually or recorded every 15 minutes).

Use **Annual Compliance Certification Report** form to report your compliance status at end of each year if required by your permit.

## General Facility Information

Facility name: Interplastic Corporation AQ facility ID: 05300251-003

Time period covered by report: ☐ January 1-June 30 ☒ July 1-December 31 2010 (year)

**Description of Deviations:** Provide the following information regarding each individual deviation identified by a periodic monitoring system. Be sure to report any deviations which occurred during monitor downtime or monitor bypasses. Use the same numbering system as used in the facility permit.

| Date of deviation | Emission unit ID no. | Monitor ID no. | Cite permit condition which was deviated from | Detailed description of deviation, why it occurred, and corrective action taken |
|---|---|---|---|---|
| NA | | | | |
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**Description of Monitor Downtime:** Provide the following information regarding each period when a periodic monitoring system did not record required data. Use the same numbering system as used in facility permit.

| Date and time of missed record | Monitor ID no. | Emission unit ID no. | Pollutant or parameter monitored | Cause of the monitor downtime and corrective action taken |
|---|---|---|---|---|
| NA | | | | |
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**Summary of Deviations and Monitor Downtime:** Fill out a separate row of the table *for each periodic monitoring system.*

| **Monitor ID no.** (Use same number from facility permit.) | **Total number of readings taken** (during period covered by report) | **Total number of readings indicating deviations** | **Percent of readings indicating deviations** (To calculate, divide total number of readings taken that indicate deviations by the total number of readings. Multiply that number by 100.) | **Total no. of readings missed** (Indicate the number of times that data was not recorded as required by your permit.) | **Total percentage of readings missed** (Divide number of readings *missed* during reporting period by number or readings *required* during same period. Then multiply by 100.) |
|---|---|---|---|---|---|
| NA | | | | | |
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**Deviations Discovered Through Recordkeeping:** List each deviation that was discovered through recordkeeping (e.g. your fuel use records indicate that you exceeded your fuel use limits). Provide at least the date(s) of each deviation; magnitude of deviation; associated emission unit, the cause of each deviation, and the corrective action taken.

1. None
2. 
3. 

## Certification

*I certify under penalty of law thot this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.*

| | |
|---|---|
| Gary Severson (GS) | Gary Severson |
| Signature of responsible official | Printed name of person signing |
| Chief Environmental Officer | January 27, 2011 |
| Title | Date |

**Note:** The individual signing must meet the definition of "responsible official" in Minn. Rules 7007.0100, subp. 21.

**Due dates:**

| | | |
|---|---|---|
| **Air Emission Permit – Option D, where control equipment is used to reduce actual reported emissions** | Deviation Report – If a deviation occurred | January 30 & July 30 |
| **Air Emission Permit – State or Federal Total Facility or General** | Deviation Report – whether or not a deviation occurred | January 30 & July 30 |
| | Compliance Certification | January 31 |

**Mail to:** Air Quality Compliance Tracking Coordinator
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194